

**Fig. 1****SEQ ID NO: 1**

GCCGCCGCCACCACGCCACCGTCGCCTGCCACAGGTGTCTG  
CAATTGAACTCCAAGGTGCAGAATGGTTGGAAAGTAGCTGTATTCC  
CAGTGTGGCCCTGGCATTGGTGCCGTTCTATAGATGATCCTGAAGA  
TGGAGGCAAGCACTGGGTGGTATCGTGGCAGGTTCAAATGGCTGGTA  
TAATTATAGGCACCAGGCAGACGCGTGCCTACCAAGATCATTCA  
CCGCAATGGGATTCTGACGAACAGATCGTGTGATGATGTACGATGA  
CATTGCTTACTCTGAAGACAATCCCACCCAGGAATTGTGATCACAG  
GCCCAATGGCACAGATGTCTATCAGGGAGTCCCAGGACTACACTGG  
AGAGGATGTTACCCCACAAAATTCTGCTGTGAGAGAGCGATGC  
AGAACAGTGAAGGGCATAGGATCCGGCAAAGTCCTGAAGAGTGGCCC  
CCAGGATCACGTGTTCTTACTGACCATGGATCTACTGGAAT  
ACTGGTTTTCCAATGAAGATCTCATGTAAAGGACCTGAATGAGAC  
CATCCATTACATGTACAAACACAAAATGTACCGAAAGATGGTGTCTA  
CATTGAAGCCTGTGAGTCTGGTCCATGATGAACCACCTGCCGGATAA  
CATCAATGTTATGCAACTACTGCTGCCAACCCCCAGAGAGTCGTCTA  
CGCCTGTTACTATGATGAGAAGAGGTCCACGTACCTGGGGACTGGTA  
CAGCGTCAACTGGATGGAAGACTCGGACGTGGAAGATCTGACTAAAGA  
GACCCTGCACAAGCAGTACCACTGGTAAAATCGCACACCAACACCAG  
CCACGTCATGCAGTATGAAACAAAACAATCTCCACCATGAAAGTGAT  
GCAGTTTCAGGGTATGAAACGCAAAGCCAGTTCTCCGTCCCCCTACC  
TCCAGTCACACACCTGACCTCACCCCCAGCCCTGATGTGCCCTCTCAC  
CATCATGAAAAGGAAACTGATGAACACCAATGATCTGGAGGAGTCCAG  
GCAGCTCACGGAGGAGATCCAGCGGCATCTGGATGCCAGGCACCTCAT  
TGAGAGTCAGTGCFTAAGATCGTCTCCTGCTGGCAGCGTCCGAGGC  
TGAGGTGGAGCAGCTCCTGTCCGAGAGAGGCCCGCTCACGGGGCACAG  
CTGCTACCCAGAGGCCCTGCTGCACCTCCGGACCCACTGCTTCAACTG  
GCACTCCCCACGTACGAGTATGCGTTGAGACATTGTACGTGCTGGT  
CAACCTTGTGAGAAGCCGTATCCACTCACAGGATAAAATTGTCCAT  
GGACCACGTGTGCCTGGTCACTACTGAAGAGCTGCCCTGGAAAGCT  
T

**Fig. 2****SEQ ID NO: 2**

MVWKVAVFLSVALGIGAVPIDDPEDGGKHWVVIVAGSNGWYNYRHQAD  
ACHAYQIIHRNGIPDEQIVVMMYDDIAYSEDNPTPGIVINRPNGTDVY  
QGVPKDYTGEDVTPQNFLAVLRGDAEAVKGIGSGKVLKSGPQDHVFIY  
FTDHGSTGILVFPNEDLHVKDLNETIHMYKHKMYRKMVFYIEACESG  
SMMNHLPDNINVYATTAANPRESSYACYYDEKRSTYLGDWYSVNWMED  
SDVEDLTKETLHKQYHVKSHNTSHVMQYGNKTISTMKVMQFQGMKR  
KASSPVPLPPVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEIQ  
RHLDARHLIEKSVRKIVSLLAASEAEVEQLLSERAPLTGHSCYPEALL  
HFRTHCFNWHSPTYEYALRHLYVLVNLCEKPYPLHRIKLSMDHVCLGH  
Y

**Fig. 3****SEQ ID NO: 3**

5' - TGAGTCTGGGTCCATGATGA - 3'

**Fig. 4****SEQ ID NO: 4**

5' - GTTGGCAGCAGTAGTTGCAT - 3'

**Fig. 5****SEQ ID NO: 5**

5' - CCACCTGCCGGATAACATCAATGT - 3'